

# Unimas engineering undergrads win five medals, one award

**KOTA SAMARAHAN:** The Faculty of Engineering of Universiti Malaysia Sarawak (Unimas) won five medals and a 'Honor of Invention' Award from the World Invention and Innovation Exhibition (i-ENVEX 2013) held at University Malaysia Perlis (UniMAP) recently.

The representatives consisted of five undergraduate students with four from Mechanical and Manufacturing Engineering Department and one from the Electronics Department.

According to a press release yesterday, the team was led by lecturer Dr Mohd Danial Ibrahim who was also one of the invited juries in the event.

Cathy Ambrose was awarded the 'Honor of Invention' and gold medal with the invention of a "Mobile Automated White Pepper Retting Machine Integrated with Crude Enzyme Solutions".

The product was a collaboration research with the Faculty of Resource Science and Technology of Unimas, led by Dr Azham Zulkharnain.

Bong Sik Hsiang won the Silver under the title of "Design and Development of Pastry Shell Forming Machine for Small Cottage Industry".

Siti Noor Haizum Semait, Ting Huong Hung and Curt Henning Bartholomew won the Bronze for their three research inventions of "Painless Needle Quadrupletip Micro-needles", "i-Peg: Smart Clothes Air Drying Solution" and "Automated Pepper Retting Machine", respectively.

At the closing ceremony



**INNOVATIVE:** Winners from Unimas Faculty of Engineering posing with their awards.

held at UniMAP Kapitol Hall, His Royal Highness Tuanku Raja Muda Perlis, D.Y.T.M. Tuanku Syed Faizuddin Putra ibni Tuanku Syed Sirajuddin Jamalullail and vice-chancellor of UniMAP Brig. General Dato' Prof Dr Khamarudin Hussin witnessed the award and medal presentation to the winners.

The event from April 16 to 19 was an international expo co-organised with Malaysian Ministry of Higher Education (MoHE), Malaysian Ministry of Science, Technology and Innovation (Mosti), Envex

Young Research Club (EYReC), Malaysian International Young Inventors Olympiad (Miyio) and Yayasan Inovasi Malaysia.

More than 400 participants from institutions of higher learning from all over the world including Canada, Korea, India and Romania took part in this exhibition.

The four-day symposium welcomed both public and private institutions to showcase creative and innovative ideas in inculcating engineering advancements and research for society.